

**AMENDMENT TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (original): A method for encoding a motion video signal, the method comprising:

- determining a desired size for a first frame of the motion video signal;
- encoding the first frame of the motion video signal to form an encoded frame;
- determining an encoded size of the encoded frame;
- comparing the encoded size to the desired size;
- adjusting an encoding parameter such that encoding the first frame according to the encoding parameter as adjusted would form a different encoded frame having a size closer to the desired size than the encoded size is to the desired size; and
- encoding a second frame of the motion video signal according to the encoding parameter as adjusted.

Claim 2 (original): The method of Claim 1 wherein the second frame is subsequent to the first frame in the motion video signal.

Claim 3 (original): The method of Claim 1 wherein the encoding parameter is a numerical representation of a compromise between consumed bandwidth and image quality of the motion video signal as encoded.

1 Claim 4 (original): The method of Claim 1 wherein the step of adjusting  
2 comprises:  
3 determining a difference between the encoded size and the desired size; and  
4 adjusting the encoding parameter by an amount which is proportional to the  
5 difference.

6  
7 Claims 5-16 (canceled)

8  
9 Claim 17 (original): A computer readable medium useful in association  
10 with a computer which includes a processor and a memory, the computer readable  
11 medium including computer instructions which are configured to cause the  
12 computer to encode a motion video signal by performing the steps of:  
13 determining a desired size for a first frame of the motion video signal;  
14 encoding the first frame of the motion video signal to form an encoded  
15 frame;  
16 determining an encoded size of the encoded frame;  
17 comparing the encoded size to the desired size;  
18 adjusting an encoding parameter such that encoding the first frame  
19 according to the encoding parameter as adjusted would form a different encoded  
20 frame having a size closer to the desired size than the encoded size is to the desired  
21 size; and  
22 encoding a second frame of the motion video signal according to the  
23 encoding parameter as adjusted.

1           Claim 18 (original): The computer readable medium of Claim 17 wherein  
2 the second frame is subsequent to the first frame in the motion video signal.

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4           Claim 19 (original): The computer readable medium of Claim 17 where the  
5 encoding parameter is a numerical representation of a compromise between  
6 consumed bandwidth and image quality of the motion video signal as encoded.

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8           Claim 20 (original): The computer readable medium of Claim 17 wherein  
9 the step of adjusting comprises:  
10           determining a difference between the encoded size and the desired size; and  
11           adjusting the encoding parameter by an amount which is proportional to the  
12 difference.

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14           Claims 21-32 (canceled)

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16           Claim 33 (original): A computer system comprising:  
17 a processor;  
18 a memory operatively coupled to the processor and  
19 a motion video signal encoder which executes in the processor from the  
20 memory and which, when executed by the processor, causes the computer to  
21 encode a motion video signal by performing the steps of:

22           determining a desired size for a first frame of the motion video  
23 signal;

24           encoding the first frame of the motion video signal to form an  
25 encoded frame;

1                   determining an encoded size of the encoded frame;  
2                   comparing the encoded size to the desired size;  
3                   adjusting an encoding parameter such that encoding the first frame  
4                   according to the encoding parameter as adjusted would form a different  
5                   encoded frame having a size closer to the desired size than the encoded size  
6                   is to the desired size; and  
7                   encoding a second frame of the motion video signal according to the  
8                   encoding parameter as adjusted.

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10           Claim 34 (original): The computer system of Claim 33 wherein the second  
11           frame is subsequent to the first frame in the motion video signal.

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13           Claim 35 (original): The computer system of Claim 33 where in the  
14           encoding parameter is a numerical representation of a compromise between  
15           consumed bandwidth and image quality of the motion video signal as encoded.

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17           Claim 36 (original): The computer system of Claim 33 wherein the step of  
18           adjusting comprises:  
19                   determining a difference between the encoded size and the desired size; and  
20                   adjusting the encoding parameter by an amount which is proportional to the  
21           difference.

22  
23           Claims 37-48 (canceled)  
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1           Claim 49 (new):     A computer readable medium comprising instructions  
2   which, when executed by a computer, performs the method of Claim 1.  
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